



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Environmental Conservation

DIVISION OF WATER
Wastewater Discharge Authorization Program

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[//dec.alaska.gov/water/wastewater](http://dec.alaska.gov/water/wastewater)

June 1, 2022

Tiffany Lake
Silver Bay Seafoods
4039 21st Avenue W, Suite 200
Seattle, WA 98199

DEC File No. 2264.54.003

Re: Silver Bay Seafoods, Valdez Plant Authorization

Dear Ms. Lake:

The Alaska Department of Environmental Conservation has completed its review of the Notice of Intent (dated 2/28/2022) for **Silver Bay Seafoods Valdez Plant** and is hereby issuing wastewater discharge authorization **AKG521055**. This authorization is effective June 1, 2022 and expires May 31, 2027.

Prior to discharge, please review your authorization and general permit AKG521000 to ensure that you understand the requirements contained within them. The permittee is required to meet all requirements as found in the authorization and the general permit. If you have any questions regarding this authorization or general permit, please contact the appropriate DEC staff contact located in Section 9 of this authorization.

Sincerely,

A handwritten signature in black ink that reads "Earl L. Crapps".

Earl L. Crapps
Section Manager
Domestic and Industrial Utilities
Wastewater Discharge Authorization Program

Enclosures: General Permit and Fact Sheet AKG521000
Authorization AKG521055



Alaska Department of Environmental Conservation

Division of Water

Authorization to Discharge

**AUTHORIZATION TO DISCHARGE UNDER THE
ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM
FOR
ONSHORE SEAFOOD PROCESSORS IN ALASKA
FACILITY ASSIGNED AUTHORIZATION NUMBER: AKG521055
GENERAL PERMIT NUMBER: AKG521000
See [General Permit](#) for all permit requirements**

The following facility is authorized to discharge in accordance with the terms of the State of Alaska General Permit AKG521000 and any site-specific requirements listed in this authorization.

The authorization effective date is **June 1, 2022**

The authorization to discharge shall expire at midnight, **May 31, 2027**

The permittee shall reapply for a permit reissuance on or before **December 2, 2026**, 180 days prior to the expiration of the general permit.

SECTION 1 – RESPONSIBLE PARTY

Issued to: Tiffany Lake, Director of Compliance, Silver Bay Seafoods

SECTION 2 – FACILITY INFORMATION

| Facility Name | Silver Bay Seafoods Valdez | | |
|---|--|-------------|-----------------|
| Facility Address | 210 South Harbor Drive, Valdez, AK 99686 | | |
| Commodity Lines Processed | salmon (H&G, roe, whole, pet food, fish oil) | | |
| Outfall Number / Description | Latitude | Longitude | Receiving Water |
| 001A / Main Seafood Processing Wastewater Outfall ^a | 61.121260 | -146.346970 | Port Valdez |
| 002A / Seafood byproduct production internal outfall ^b | n/a | n/a | n/a |

Note:

- Flow meter installation is required by 6/1/2022 or earlier, in accordance with General Permit Part 2.1.1.
- Flow meter installation is required by 6/1/2024 or earlier, in accordance with General Permit Part 2.1.1.

SECTION 3 – EFFLUENT MONITORING**MONITORING POINTS**

| | |
|---|--|
| Outfalls to Waters of the U.S. | After the last treatment unit and commingling of all seafood processing effluents but prior to discharge to waters of the U.S. |
| Internal Outfalls for By-product Effluent | Post screening/grinding but prior to commingling with other effluents. |

MONITORING REQUIREMENTS

| | |
|---|---------------------------------------|
| All Outfalls | Refer to Part 2.1 in General Permit |
| Seafood Processing (Butchering) Wastewater Outfall(s) (001) | Refer to Part 2.2.4 in General Permit |
| Seafood Processing By-Product Wastewater Outfall(s) (002) | Refer to Part 2.2.5 in General Permit |

SECTION 4 – RECEIVING WATER MONITORING

| | |
|---|---------------------------------------|
| Receiving Water Monitoring Requirements | Refer to Part 2.3.3 in General Permit |
|---|---------------------------------------|

SECTION 5 – MIXING ZONES

| | |
|--|---|
| Mixing Zone Compliance Point | All Alaska Water Quality Standards shall be met at the boundary of each authorized mixing zone. |
| Mixing Zone Authorization | The facility does have an authorized mixing zone. |
| Mixing Zone Description | The mixing zone for Outfall 001A is a circle with a 100-foot radius centered on the outfall terminus, extending from the sea surface to the seafloor. |
| Water Quality Criteria that may be Exceeded within the Mixing Zone | Dissolved oxygen, pH, residues, temperature, color, turbidity, and total residual chlorine. |

SECTION 6 – PROJECT AREA ZONE OF DEPOSIT

| | | |
|-----------------------------|---|-----------------------------|
| Zone of Deposit Authorized? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
|-----------------------------|---|-----------------------------|

The permittee may exceed the water quality criteria of 18 AAC 70.020(b) for residues and the antidegradation requirement of 18 AAC 70.015 in a project area ZOD, within which the deposit of substances (residues) on the seafloor is authorized. Seafood processing waste residues are limited to a cumulative total of 1.0 acre of coverage within the project area ZOD.

| Boundary Description | Latitude | Longitude | Receiving Water |
|----------------------|-----------|-------------|-----------------|
| Vertex 1 | 61.122995 | -146.346971 | Port Valdez |
| Vertex 2 | 61.121767 | -146.346737 | Port Valdez |
| Vertex 3 | 61.121872 | -146.345419 | Port Valdez |
| Vertex 4 | 61.120912 | -146.344902 | Port Valdez |
| Vertex 5 | 61.120107 | -146.348435 | Port Valdez |
| Vertex 6 | 61.119762 | -146.352248 | Port Valdez |
| Vertex 7 | 61.120961 | -146.352735 | Port Valdez |
| Vertex 8 | 61.121462 | -146.348242 | Port Valdez |
| Vertex 9 | 61.122840 | -146.348386 | Port Valdez |

SECTION 7 – SITE SPECIFIC REQUIREMENTS

1. The permittee shall monitor discharges from seafood by-product (fish oil) production as specified in Table 4. The sampling point shall be located prior to commingling (internal outfall) with other seafood processing waste streams (Permit Part 2.2.5.1).
2. Seafloor surveying completed on 9/30/2021 found 3.12 acres of continuous waste coverage. The Remediation Plan dated 5/25/2022, submitted per Permit Part 2.3.5.7.2, is approved.
3. The Collective Ambient Receiving Water Quality Monitoring Study work plan submitted on 5/23/2022 for Shore-based Seafood Processing Facilities in Valdez, Alaska is approved under Permit Part 2.3.3.

SECTION 8 – Electronic Reporting (E-Reporting) Rule for Discharge Monitoring Reports (DMR)

The permittee must submit DMR data electronically through NetDMR per Phase I of the E-Reporting Rule (40 CFR 127) upon the effective date of the Permit. Authorized persons may access permit information by logging into the NetDMR Portal (<https://cdxnodengn.epa.gov/oeca-netdmr-web/action/login>). DMRs submitted in compliance with the E-Reporting Rule are not required to be submitted as described in Appendix A – Standard Conditions unless requested or approved by the Department. Any DMR data required by the Permit that cannot be reported in a NetDMR field (e.g., mixing zone receiving water data, etc.) shall be included as an attachment to the NetDMR submittal. DEC has established an e-Reporting Information website at <http://dec.alaska.gov/water/compliance/electronic-reporting-rule> that contains general information about this new reporting format. Training materials and webinars for NetDMR can be found at https://usepa.servicenowservices.com/oeca_icis.

SECTION 9 – DEC STAFF CONTACT

If you have any technical questions regarding this authorization or the requirements of the general permit, please contact Jackie Ebert at jackie.ebert@alaska.gov or (907) 465-5336.

If you have questions regarding compliance with any permit or authorization requirement, please call either:

- Katrina Chambon at Katrina.Chambon@alaska.gov or (907) 269-7550; or
- Alex Shahrokhi at alexander.shahrokhi@alaska.gov or (907) 451-2172

A permittee shall orally report any noncompliance event that may endanger health or the environment within 24 hours after the permittee becomes aware of the circumstances and in writing within five days after the permittee becomes aware of the circumstances. Please use the phone numbers and addresses below to report noncompliance events. Additional information regarding 24-hour reporting may be found in Appendix A of General Permit AKG521000. The required written follow-up notification can be sent via fax, email, or U.S. Postal Service.

Alaska Department of Environmental Conservation
Attn: Compliance and Enforcement Program
555 Cordova Street
Anchorage, Alaska 99501

Toll Free Nationwide: 1-800-569-4114
Anchorage or International: 1-907-269-4114
Fax: 1-907-269-4604
Email: dec-wqreporting@alaska.gov

SECTION 10 – CERTIFICATION/SIGNATURE



Signature

06/01/2022

Date

Earl L. Crapps

Printed Name

Section Manager Domestic & Industrial Utilities


Title

SECTION 11 – ATTACHMENTS

The following AKG521000 Onshore Seafood Processors in Alaska reporting forms are available electronically by clicking on the icons immediately following the form title.

Attachment B Seafood Waste Size and Waste Conveyance Inspection Log 

Attachment C Sea Surface and Shoreline Log 

Attachment D Seafloor Survey Summary Log 

Attachment E Annual Report 

Attachment E-1 Annual Report Form- Receiving Water Quality Monitoring 

Attachment F Monthly Seafood Waste Delivery Form 

Attachment G Notice of Termination 